

AMENDMENT

In the Claims:

Please amend claims 1, 3, 4, 6, 44 and 46 as follows:

1. (Five times amended) An isolated nucleic acid molecule consisting of a sequence selected from the group consisting of: (a) a sequence encoding an immunogenic polypeptide having at least 90% sequence identity to the contiguous amino acid sequence shown at positions 1 through 256, inclusive, of SEQ ID NO:2; and (b) a sequence encoding an immunogenic polypeptide having at least 90% sequence identity to the contiguous amino acid sequence shown at positions 1-228, inclusive, of SEQ ID NO:5.

3. (Five times amended) The nucleic acid molecule of claim 1 wherein said nucleic acid molecule encodes an immunogenic polypeptide having a sequence with at least 90% sequence identity to the contiguous amino acid sequence shown at positions 1-228, inclusive, of SEQ ID NO:5.

4. (Five times amended) A recombinant vector comprising:

(a) a nucleic acid molecule encoding an immunogenic polypeptide comprising a sequence selected from the group consisting of: (i) a sequence having at least 90% sequence identity to the contiguous amino acid sequence shown at positions 1 through 256, inclusive, of SEQ ID NO:2; and (ii) a sequence having at least 90% sequence identity to the contiguous amino acid sequence shown at positions 1-228, inclusive, of SEQ ID NO:5; and

(b) control elements that are operably linked to said nucleic acid molecule whereby said coding sequence can be transcribed and translated in a host cell, and at least

6. (Five times amended) A recombinant vector according to claim 4, wherein said nucleic acid molecule encodes an immunogenic polypeptide which comprises a sequence having at least 90% sequence identity to the contiguous amino acid sequence shown at positions 1-228, inclusive, of SEQ ID NO:5.

44. (Twice amended) An isolated nucleic acid molecule comprising a sequence selected from the group consisting of: (a) a sequence encoding the contiguous amino acid sequence shown at positions 1 through 256, inclusive, of SEQ ID NO:2; and (b) a sequence encoding the contiguous amino acid sequence shown at positions 1-228, inclusive, of SEQ ID NO:5.

46. (Twice amended) The nucleic acid molecule of claim 44 wherein said sequence encodes the contiguous amino acid sequence shown at positions 1-228, inclusive, of SEQ ID NO:5.

Attached hereto is a marked-up version of the changes made to the specification and claims by the current amendment. The attached pages are captioned **"Version with markings to show changes made."**